

DRILL HOLES

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BORDER REV. DATE: June 1, 2004

NOTE: MD 980D/RITCHIE-MARLBORO ROAD IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING SIGNS

14  
Ritchie Marlboro RD  
D3-2  
VARIABLE X 16"

12  
Ritchie Marlboro RD  
D3-2  
VARIABLE X 16"

10,11  
Old Marlboro PIKE  
D3-2  
(DUAL-FACED)  
VARIABLE X 16"

13  
ONLY  
R3-5L  
30" x 36"

EXISTING SIGNALS

1,2,5,6,9  
R  
Y  
G  
12"

7  
R  
Y  
G  
12"/8"

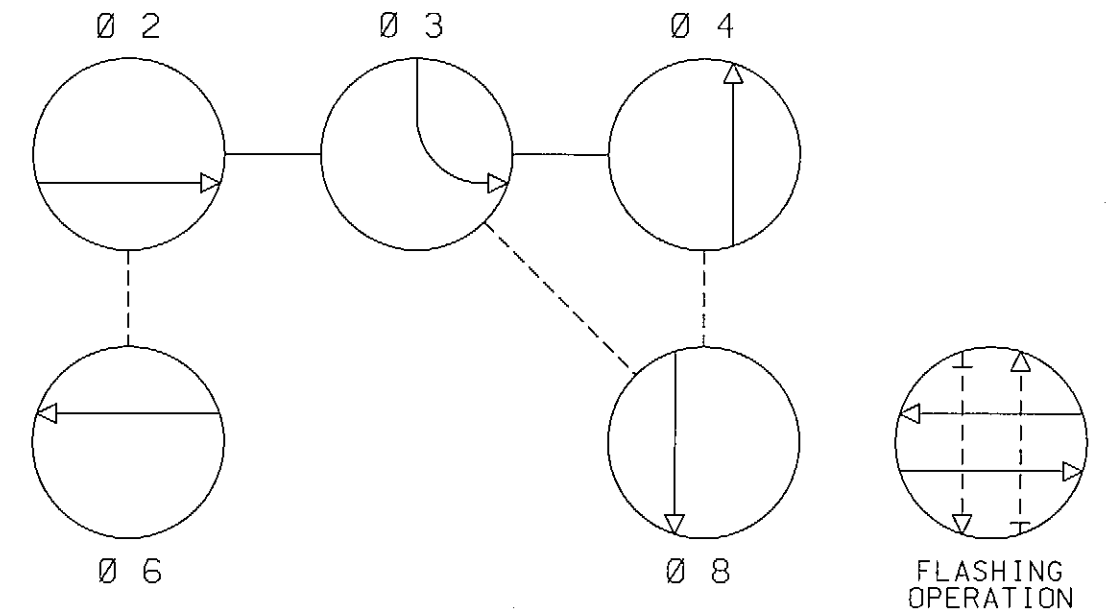
8  
R  
Y  
G  
12"

PROPOSED LED SIGNALS

3,4  
R  
Y  
G  
12"

VIDEO DETECTION CAMERA a-b

NEMA PHASING



PHASING NOTES:  
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

RIGHT OF WAY LINE

27LF PLUNGE POOL, CL. I  
RIP-RAP ON FILTER FABRIC

100'

S.B. MD 980D

RIGHT OF WAY LINE

CONSTRUCTION DETAILS

- Install proposed LED traffic signal heads onto existing mast arm as shown.
- Remove traffic signal head from mast arm as shown.
- Remove R10-12 sign from mast arm as shown.
- Relocate street name sign on mast arm as shown.
- Install non-invasive microloop probe set with 500' lead-in cable.
- Install handhole.
- Install video detection camera on existing mast arm as shown.
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- Remove existing handhole. Cap and abandon existing conduit.
- Use existing handhole.
- Use existing conduit.
- Use existing base mounted cabinet and controller. (Note: The SHA Signal Shop is to install the video detection interface equipment. The Contractor shall be responsible for terminating all signal cables to the appropriate terminals and properly label them so that SHA Forces can make the final connections).
- Install video detection camera onto existing mast arm. Locate existing 3" elbow in pole base, cut existing conduit and attached proposed conduit. (See Wiring Diagram).
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
- Existing underground electrical service to remain.

GENERAL NOTES:

- The loop detectors and conduit are to be installed prior to the installation of the pavement markings.
- All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
- All proposed pavement markings are detailed on the Pavement Marking Plan. (Sheet 3 of 3).

GEOMETRIC LEGEND

PROPOSED  
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE  
ELECTRIC  
TELEPHONE  
GAS  
SEWER  
WATER  
CABLE TV



STREET TRAFFIC STUDIES, LTD.  
400 Crain Hwy., N.W.  
Olen Burris, MD 20661  
Ph (410) 590-5500  
Fax (410) 590-6637

5013.dgn

APPROVALS

TEAM LEADER

ASST. DIV. CHIEF

DIVISION CHIEF

OFFICE DIRECTOR

REVISIONS

1-30-09  
MODIFY SIGNAL DUE TO  
GEOMETRIC CHANGES  
RRZ 4/5/09

PLOTTED: #DATE#  
FILE: #FILE#

SHA

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

MD 980D/RITCHIE-MARLBORO RD.  
AND OLD MARLBORO PIKE

SCALE 1" = 20' DATE CONTRACT NO.

DESIGNED BY S.BLOSS COUNTY PRINCE GEORGE'S  
DRAWN BY N.LEARY LOGMILE 16098000.00  
CHECKED BY T.HANNAN TMS NO. H906  
F.A.P. NO. TOD NO.

TS NO. 3726A DRAWING NO. 1 OF 3 SHEET NO. OF